LIST OF CONTENTS

VOLUME 240

Page

AUFFRAY, J.-C., ALIBERT, P., LATIEULE, C. and DOD, B., Relative warp analysis of skull shape across the hybrid zone of the house mouse (*Mus musculus*) in Denmark 441

BERNARD, R. T. F., KERLEY, G. I. H., DOUBELL, T. and DAVISON, A., Reproduction in the round-eared elephant shrew (*Macroscelides proboscideus*) in the southern Karoo, South Africa 233

BIRCHARD, G. F. and MARCELLINI, D., Incubation time in reptilian eggs 621

BULL, C. M. and PAMULA, Y., Sexually dimorphic head sizes and reproductive success in the sleepy lizard *Tiliqua rugosa* 511

CALDWELL, J. P., The evolution of myrmecophagy and its correlates in poison frogs (Family Dendrobatidae) 75

CALZADA, N., AGUILAR, A., SØRENSEN, T. B. and LOCKYER, C., Reproductive biology of female striped dolphin (*Stenella coeruleoalba*) from the western Mediterranean 581

CAMPOS-DA-PAZ, R., Redescription of the Central American electric fish *Gymnotus cylindricus* (Ostariophysi: Gymnotiformes: Gymnotidae), with comments on character ambiguity within the ostariophysan clade 371

CHRISTIAN, K., GREEN, B., BEDFORD, G. and NEWGRAIN, K., Seasonal metabolism of a small, arboreal monitor lizard, *Varanus scalaris*, in tropical Australia 383

CUCCO, M. and MALACARNE, G., Effect of food availability on nestling growth and fledging success in manipulated pallid swift broods 141

DAVID, J.-F. and VANNIER, G., Changes in supercooling with body size, sex, and season in the long-lived millipede *Polyzonium germanicum* (Diplopoda, Polyzoniidae) . . 599

DOOLAN, S. P. and MACDONALD, D. W., Dispersal and extra-territorial prospecting by slender-tailed meerkats (*Suricata suricatta*) in the south-western Kalahari . . 59

DOUGHTY, P., Allometry of reproduction in two species of gekkonid lizards (*Gehyra*): effects of body size miniaturization on clutch and egg sizes 703

DOWLING, H. G., HASS, C. A., BLAIR HEDGES, S. and HIGHTON, R., Snake relationships revealed by slow-evolving proteins: a preliminary survey 1

DUDGEON, D., Life histories, secondary production, and microdistribution of heptageniid mayflies (Ephemeroptera) in a tropical forest stream 341

GABATHULER, U., BENNETT, N. C. and JARVIS, J. U. M., The social structure and dominance hierarchy of the Mashona mole-rat, *Cryptomys darlingi* (Rodentia: Bathyergidae) from Zimbabwe 221

GENOUD, M. and RUEDI, M., Rate of metabolism, temperature regulations, and evaporative water loss in the lesser gymnure *Hylomys suillus* (Insectivora, Mammalia) . . 309

GORMAN, M. L. (Ed.), Communications from the Mammal Society—No. 73 761

Some changes in the habitat use of a free-ranging female otter *Lutra lutra* during breeding, by L. S. DURBIN, p. 761; Effect on red fox litter size and diet after rabbit haemorrhagic disease in north-eastern Spain, by R. VILLAFUERTE, D. F. LUCO, C. GORTÁZER and J. C. BLANCO, p. 764; *Pipistrellus nathusii* (Chiroptera: Vespertilionidae) in Britain in the mating season, by K. E. BARLOW and G. JONES, p. 767; Range use, determined be telemetry, of yellow-necked mice (*Apodemus flavicollis*) in

hedgerows, by G. C. KOTZAGEORGIS and C. F. MASON, p. 773; Population dynamics of a maternity colony of the pipistrelle bat (*Pipistrellus pipistrellus*) in north-east Scotland, by P. I. WEBB, J. R. SPEAKMAN and P. A. RACEY, p. 777; Allomaternal care and recognition between mothers and young in pipistrelle bats (*Pipistrellus pipistrellus*), by E. DE FANIS and G. JONES, p. 781; Distribution and population densities of seven species of bat in northern England, by K. E. JONES, J. D. ALTRINGHAM and R. DEATON, p. 788; An active transponder system for remotely monitoring animal activity at specific sites, by M. R. HUTCHINGS and S. HARRIS, p. 798; The diet of the mountain hare (*Lepus timidus hibernicus*) on coastal grassland, by A. WOLFE, J. WHELAN and T. J. HAYDEN, p. 804

HAILEY, A. and COULSON, I. M., Temperature and the tropical tortoise *Kinixys spekii*: constraints on activity level and body temperature 523

HAILEY, A. and COULSON, I. M., Temperature and the tropical tortoise *Kinixys spekii*: tests of thermoregulation 537

HARTMAN, G., Habitat selection by European beaver (*Castor fiber*) colonizing a boreal landscape 317

HERSTEINSSON, P. and MACDONALD, D. W., Diet of arctic foxes (*Alopex lagopus*) in Iceland 457

HESTER, A. J., MITCHELL, F. J. G., GORDON, I. J. and BAILLIE, G. J., Activity patterns and resource use by sheep and red deer grazing across a grass/heather boundary . . 609

HÖGGREN, M. and TEGELSTRÖM, H., Does long-term storage of spermatozoa occur in the adder (*Vipera berus*)? 501

JENNY, D., Spatial organization of leopards *Panthera pardus* in Taï National Park, Ivory Coast: is rainforest habitat a 'tropical haven'? 427

JOHANNESSON, B. and JOHANNESSON, K., Population differences in behaviour and morphology in the snail *Littorina saxatilis*: phenotypic plasticity or genetic differentiation? 475

KEOGH, J. S. and SMITH, S. A., Taxonomy and natural history of the Australian bandy-bandy snakes (Elapidae: *Vermicella*) with a description of two new species . . 677

LABADIE, L. V. and PALMER, A. R., Pronounced heterochely in the ghost shrimp, *Neotrypaea californiensis* (Decapoda: Thalassinidea: Callianassidae): allometry, inferred function and development 659

LATHAM, J., STAINES, B. W. and GORMAN, M. L., The relative densities of red (*Cervus elaphus*) and roe (*Capreolus capreolus*) deer and their relationship in Scottish plantation forests 285

LECLAIR, E. E., Arm joint articulations in the ophiuran brittlestars (Echinodermata: Ophiuroidea): a morphometric analysis of ontogenetic, serial, and interspecific variation 245

LI, D., JACKSON, R. R. and CUTLER, B., Prey-capture techniques and prey preferences of *Habrocestum pulex*, an ant-eating jumping spider (Araneae, Salticidae) from North America 551

MAPPES, J., KAITALA, A. and RINNE, V., Temporal variation in reproductive allocation in a shield bug *Elasmostethus interstinctus* 29

MARLER, C. A. and RYAN, M. J., Energetic constraints and steroid hormone correlates of male calling behaviour in the túngara frog 397

MARTÍNEZ-ANSEMIL, E. and COLLADO, R., Two new species of freshwater Oligochaeta from the North-west Iberian Peninsula: *Krenedrilus realis* sp. nov. (Tubificidae) and *Cernosvitoviella bulboducta* sp. nov. (Enchytraeidae) 363

McGee, C. Fairweather, I. and Blackshaw, R. P., Ultrastructural observations on rhabdite formation in the planarian, *Artioposthia triangulata* 563

McLachlan, A. J. and Neems, R. M., Is flight architecture determined by physical constraints or by natural selection?: the case of the midge *Chironomus plumosus* 301

Meijer, T., Rozman, J., Schulte, M. and Stach-Dreesmann, C., New findings in body mass regulation in zebra finches (*Taeniopygia guttata*) in response to photoperiod and temperature 717

Mishra, C. and Johnsingh, A. J. T., On habitat selection by the goral *Nemorhaedus goral bedfordi* (Bovidae, Artiodactyla) 573

Morton, B., The biology and functional morphology of *Minnivola pyxidatus* (Bivalvia: Pectinoidea) 735

Motta-Junior, J. C., Talamoni, S. A., Lombardi, J. A. and Simokomaki, K., Diet of the maned wolf, *Chrysocyon brachyurus*, in central Brazil 277

Notes and Abstracts 811

Papadimitriou, H. M., Swartz, S. M. and Kunz, T. H., Ontogenetic and anatomic variation in mineralization of the wing skeleton of the Mexican free-tailed bat, *Tadarida brasiliensis* 411

Patterson, B. D., Pacheco, V. and Solari, S., Distributions of bats along an elevational gradient in the Andes of south-eastern Peru 637

Reynolds, S. J., Establishing body-size indicators in a study of female spruce grouse *Dendragapus canadensis* 113

Shine, R., Branch, W. R., Harlow, P. S. and Webb, J. K., Sexual dimorphism, reproductive biology, and food habits of two species of African filesnakes (*Mehelya*, Colubridae) 327

Tokeshi, M. and Reinhardt, K., Reproductive behaviour in *Chironomus anthracinus* (Diptera: Chironomidae), with a consideration of the evolution of swarming .. 103

Uhl, G., Sperm storage secretion of female cellar spiders (*Pholcus phalangioides*; Araneae): a gel-electrophoretic analysis 153

Verrell, P. and Pelton, J., The sexual strategy of the central long-toed salamander, *Ambystoma macrodactylum columbianum*, in south-eastern Washington 37

Viñuela, J., Moreno, J., Carrascal, L. M., Sanz, J. J., Amat, J. A., Ferrer, M., Belliure, J. and Cuervo, J. J., The effect of hatching date on parental care, chick growth, and chick mortality in the chinstrap penguin *Pygoscelis antarctica* .. 51

Watts, P., The diel hauling-out cycle of harbour seals in an open marine environment: correlates and constraints 175

Weldon McNutt, J., Adoption in African wild dogs, *Lycaon pictus* 163

Wiig, Ø. and Gjertz, I., Body size of male Atlantic walruses (*Odobenus rosmarus rosmarus*) from Svalbard 495

Zani, P. A., Patterns of caudal-autotomy evolution in lizards 201

ZSL Scientific Meetings: Short reports 593

Zuri, I. and Terkel, J., Locomotor patterns, territory, and tunnel utilization in the mole-rat *Spalax ehrenbergi* 123